

Koch, Kristine

From: Koch, Kristine
Sent: Monday, August 18, 2014 8:43 AM
To: Jackie Calder
Cc: Conley, Alanna (conley.alanna@epa.gov)
Subject: RE: Questions about Final Draft of Portland Harbor Feasibility Study

Thanks Jackie. Some of these we will be able to answer in upcoming meetings, but others may not be able to be answered until the Proposed Plan. Keep in mind that the answers to some of these questions depends on the alternatives. Note that there will be more than one answer to a lot of these questions because they will be specific to each alternative.

I look forward to further discussions with the CAG and hopefully we'll get through this FS revision.

Regards,

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

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From: Jackie Calder [mailto:cleanriveroregon4@yahoo.com]
Sent: Friday, August 15, 2014 12:36 PM
To: Koch, Kristine
Subject: Questions about Final Draft of Portland Harbor Feasibility Study

Kristine Koch
U S EPA Project Manager
Region 10
1200 Sixth Avenue, Suite 900
Seattle WA 98101

August 14, 2014

Kristine:

Thank you for last night's presentation. I look forward to the next one that will include more details. The broad questions that I have at this time do not need immediate answers just answers eventually.

1. What % of sediment in the 11.8 miles of the river will be addressed with Monitored Natural Recovery?
2. What % of sediment will be handled by decontamination treatment such as applying *Biotech Restoration* technologies where the PCB's are removed from the sediment?
3. Potentially, what % of the sediment will be processed using the *Biogenesis* type of technology where the PCB's, dioxins and furans are converted into benign material?
4. What % of the sediment will be capped?
5. What % of the sediment will be dredged and hauled off to Arlington or similar facility?
6. What % will be stored in a Confined Disposal Facility?
How many cubic pounds?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
7. What % of sediment will be stored in a Confined Aquatic Disposal facility? How many cubic pounds?
8. Could we see a map of the *Sediment Decision Areas*? When?
9. To what concentration level will the PCB's be cleaned for overall area?
Will it be 1 ppm, 1 ppb or other?
Then, please establish the size of the SDA so we can understand how the levels will be averaged for this and all the following questions?
10. To what level will the PAH's be cleaned? 1 ppm, 1 ppb or other?
11. To what level will the dioxins be cleaned? 1 ppm, 1 ppb or other?
12. To what level will the furans be cleaned? 1 ppm, 1 ppb or other?
13. What level will the pesticides such as DDE, DDX be cleaned? 1 ppm, 1 ppb, or other?
14. Will all SDA's be cleaned to approximately the same level or will some be left at higher levels and why?
15. If or when we do get CDF or CAD, what levels of concentration of PCB's, PAH's, dioxins, furans, pesticides—list will they be held?

Thank you for all of your work on our Superfund.
Sincerely,

Jackie Calder

Vice Chair

Portland Harbor Community Advisory Group